AGENCY REQUEST FOR
A/E SELECTION
JANUARY 2014

AGENCY: Department of Administration (DOA)

AGENCY CONTACT: Ted Crawford; (608) 266.1674; ted.crawford@wisconsin.gov

LOCATION: State Capitol
2 East Main Street
Madison, Wisconsin

PROJECT REQUEST:
Request A/E services from pre-design through construction administration of an interior dome moisture repair project at the State Capitol for an estimated total cost of $868,800 GFSB.

PROJECT NUMBER: 13J2I

PROJECT DESCRIPTION:
This project will caulk joints at the base of the dome; repair damaged and deteriorating plaster; clean and paint all exposed steel surfaces and paint surfaces of the interior decorative dome. Scaffolding will need to be installed to provide access to the areas requiring repair. Specifically, this project will include:

- Repair the plaster at the ring on the finished interior side of the dome at approximately 140' elevation. The repairs consist of removing the damaged plaster and re-installing to the full height of the ring – approximately 4'. The length of the repair is estimated to be approximately 12' in one location. The ring will be painted by the contractor.
- Repair the plaster on the inside of the outer dome at an elevation between 160' and 180'. The entire area of plaster that is currently painted will be resurfaced. The existing paint will be scraped off and any plaster under the painted surface that is in poor condition will be replaced. The entire surface will be re-painted by the contractor after the plaster has cured.

PROJECT JUSTIFICATION:
The Wisconsin State Capitol was constructed in 1906 thru 1917. Building height is 284 Feet – 5 inches. The dome of the Capitol is actually three domes. The inner most dome is plaster on a structure suspended from supported beams. The outer dome is a double arched structure with an accessible 3' to 5' space between them.

DOA has followed the recommendations contained in the 2008 State Capitol Dome Moisture Study (see study accompanying this request) for the correction of moisture and humidity problems occurring in the State Capitol dome. This is the 2nd phase of the

project and will complete the needed repairs/restorations to the dome. The first phase which began in 2008, installed a closed dehumidification system in the space between the inner and outer domes to remove excess moisture. Recent data indicates that surface deterioration on the trusses has stabilized and moisture problems have been remediated. Plaster repairs and painting to the interior dome can now be successfully completed.

BUDGET/SCHEDULE:

Estimated Project Budget	
Construction	$690,000
Design	109,800
Contingency	69,000
Equipment	0
Other Fees	0
Total Budget	**$868,800**

Estimated Project Schedule	**Date**
A/E Selection	Jan – 2014
Design Review	May - 2014
SBC Approval	June - 2014
Bid Opening	Aug – 2014
Start Construction	Sept – 2014
Substantial Completion	Aug – 2015